

U. S. PTO Customer No. 25280

Case #2171

CLAIM AMENDMENTS:

Please amend the claims as follows:

1. (Currently Amended) A low weight cushion backed flooring comprising a carpet tile, comprising a low face weight primary carpet having a face weight of less than or equal to about 15 oz/yd² and a light weight cushion having a polymer weight of less than about 20 oz/yd² attached to the back of the primary carpet, further comprising a reinforcing material at least partially embedded in said lightweight cushion, wherein said light weight cushion is about 0.04 – 0.12 inches thick, wherein the low face weight carpet is made using a non-heatset single yarn, and wherein the single yarn has a denier of about 1000 – 1400.
2. (Canceled)
3. (Canceled)
4. (Original) The flooring as recited as recited in claim 1, further comprising a hot melt layer between said primary carpet and said light weight cushion.
5. (Original) The flooring as recited as recited in claim 4, wherein the hot melt layer is less than or equal to about 50 oz/yd².
6. (Original) The flooring as recited in claim 5, wherein the hot melt layer is about 36 – 50 oz/yd².
7. (Currently Amended) The flooring as recited as recited in claim 4, ~~further comprising a~~ wherein said reinforcing material is at least partially embedded in said hot melt layer.
8. (Canceled)

U.S. PTO Customer No. 25280

Case #2171

9. (Currently Amended) The flooring as recited as ~~recited~~ in claim 1, wherein said lightweight cushion has a thickness greater than or equal to 0.04 inches and less than or equal to 0.09 inches.
10. (Canceled)
11. (Previously Presented) The flooring as recited as recited in claim 1, wherein said lightweight cushion has a polymer weight of about 4.32 – 12.96 oz/yd².
12. (Original) The flooring as recited in claim 11, wherein said lightweight cushion is a polyurethane foam having about 110 parts of filler by weight.
13. (Original) The flooring as recited as recited in claim 1, wherein the lightweight cushion has a polymer weight of about 2.72 – 8.24 oz/yd².
14. (Original) The flooring as recited as recited in claim 13, wherein said lightweight cushion is a polyurethane foam with about 190 parts of filler by weight.
15. (Previously Presented) The flooring as recited as recited in claim 1, wherein the lightweight cushion is an unfilled polyurethane.
16. (Original) The flooring as recited in claim 15, wherein said lightweight cushion has a density of about 6 lbs./per cubic foot and a polymer weight of about 2.88 – 8.64 oz/yd².
17. (Original) The flooring as recited as recited in claim 1, wherein the lightweight cushion has a density of about 6 – 9 lb./cu. ft.
18. (Currently Amended) The flooring as ~~restricted~~ recited in claim 17, wherein said lightweight cushion is a polyurethane system with about 15 parts of filler material by weight and a polymer weight of about 4.30 – 13.02 oz/yd².

U. S. PTO Customer No. 25280

Case #2171

19. (Currently Amended) The flooring as recited ~~as recited~~ in claim 1, wherein said lightweight cushion is at least one of a polyurethane foam and a water based foam system.
20. (Previously Presented) The flooring as recited as recited in claim 1, wherein the lightweight cushion has a density of less than or equal to 18 lbs. per cubic foot.
21. (Original) The flooring as recited in claim 20, wherein the cushion density is between about 14 – 18 lbs. per cubic foot.
22. (Original) The flooring as recited in claim 21, wherein the cushion density is about 16 lbs. per cubic foot.
23. (Canceled)
24. (Previously Presented) The flooring as recited in claim 1, having a Gmax test result of less than 130.
25. (Previously Presented) The flooring as recited in claim 1, having a resilience rating of greater than 25.
26. (Canceled)
27. (Previously Presented) The flooring as recited in claim 1, having an Appearance Retention Rating (ARR) of at least 3.5 long term and at least 4.0 short term.
28. (Previously Presented) The flooring as recited in claim 1, having a Hexapod test color change test result of only slight or moderate color change.
29. (Previously Presented) The flooring as recited in claim 1, having a Hexapod test pile height retention result of a pile height retention of at least about 74%.

U. S. PTO Customer No. 25280

Case #2171

30. (Previously Presented) The flooring as recited in claim 1, having a Hexapod test overall appearance change result of at least 3.
31. (Canceled)
32. (Canceled)
33. (Original) The flooring as recited as recited in claim 1, wherein the low face weight carpet is at least one of tufted and bonded.
34. (Canceled)
35. (Previously Presented) The flooring as recited in claim 1, comprising a plurality of discrete carpet tiles having a patterned surface adapted to define a substantially continuous pattern between said tiles when said tiles are in edge to edge relation.
36. (Previously Presented) The flooring as recited in claim 1, having a patterned monolithic design.
37. (Previously Presented) The flooring as recited in claim 1, comprising a plurality of discrete carpet tiles having a uniformity of appearance between tiles.
38. (Canceled)
39. (Canceled)
40. (Canceled)
41. (Canceled)

U. S. PTO Customer No. 25280

Case #2171

42. (Canceled)
43. (Canceled)
44. (Currently Amended) The flooring ~~as recited~~ as recited in claim 29, wherein the low face weight carpet has a nonwoven backing and a latex coating.
45. (Previously Presented) The flooring as recited as recited in claim 1, wherein said low face weight carpet has a face weight of less than 15 oz/yd² and is jet dyed.
46. (Currently Amended) The flooring as recited in claim 1, wherein said ~~flooring~~ carpet tile is a low weight cushioned backed carpet tile, comprising the low face weight primary carpet, a the light weight cushion ~~backing~~ and a hot melt layer therebetween.
47. (Canceled)
48. (Currently Amended) The flooring as recited in claim 1, wherein said ~~flooring~~ carpet tile is a low weight cushion backed carpet tile, comprising a hot melt layer between said primary carpet and said light weight cushion.
49. (Currently Amended) The flooring as recited in claim 1, wherein said ~~flooring~~ carpet tile is a low weight carpet tile, comprising a layered structure of the low face weight primary carpet, latex pre-coat adhesive, hot melt adhesive, fiberglass, polyurethane foam, and felt.
50. (Currently Amended) The flooring as recited in claim 1, wherein said ~~flooring~~ carpet tile is a low weight modular carpet tile, comprising the low face weight primary carpet, a hot melt layer including a the reinforcing material, and the light weight cushion having a nonwoven backing.

U. S. PTO Customer No. 25280

Case #2171

51. (Currently Amended) The flooring as recited in claim 1, wherein said flooring carpet tile is a low weight modular carpet tile comprising a layered structure of the low face weight primary carpet, hot melt adhesive, polyurethane foam, and felt.
52. (Currently Amended) The flooring as recited in claim 1, wherein said flooring carpet tile is a low weight modular carpet tile comprising a layered structure of the low face weight primary carpet, hot melt adhesive, fiberglass reinforcing material, and polyurethane foam.
53. (Canceled)
54. (Currently Amended) The flooring as recited in claim 1, wherein said flooring carpet tile is a low weight modular carpet tile comprising a layered structure of the low face weight primary carpet, hot melt adhesive, and polyurethane foam.
55. (Currently Amended) The flooring as recited in claim 1, wherein said flooring carpet tile is a low weight modular carpet tile comprising a layered structure of the low face weight primary carpet, bitumen hot melt layer, fiberglass reinforcing material, polyurethane foam, and felt.
56. (Canceled)
57. (Canceled)
58. (Currently Amended) The flooring as recited in claim 1, wherein said flooring carpet tile is a low weight modular carpet tile comprising a layered structure of the low face weight primary carpet, ~~fiberglass~~, latex pre-coat adhesive, hot melt adhesive, polyurethane foam, and felt.

U. S. PTO Customer No. 25280

Case #2171

Claims 59-68 (Canceled)